James Tuesday Paschall

DevOps Infrastructure Engineer

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I am an accomplished and enthusiastic DevOps Engineer with 3+ years' leadership experience in operations, specializing in Terraform-based Infrastructure as Code (IaC). Recognized for my proactive nature and a persistent drive to excel, I've played a pivotal role as a key member of the core platform team at Airbiquity, contributing to the delivery of cutting-edge services for large-scale global clients.

EXPERIENCE

DevOps Engineer II
Airbiquity
Mar 2020 - Present

- Acted as a Subject Matter Expert (SME) on Terraform and Airbiquity's Infrastructure, providing guidance and training to other DevOps engineers.
- Orchestrated the deployment and management of the company's infrastructure using Terraform and Infrastructure as Code (IaC) principles, enabling seamless provisioning of resources in AWS.
- Designed infrastructure for one of the major OEMs, bringing this project live in Aug 2023.
- Implemented AWS Organizations across all accounts, optimizing governance and resource sharing, resulting in improved operational efficiency and centralized management.
- Led initiatives to refactor legacy infrastructure code around CI/CD. This initiative resulted in a 50% reduction in development and deployment times while enhancing scalability and reliability.
- Spearheaded the refactoring of a critical project, focusing on optimizing automation strategies and reducing development and deployment cycles, reducing deployment time from 5 days to 4 hours.
- Developed and maintained automation scripts resulting in a 30% reduction in manual effort and a 25% increase in team productivity.
- Contributed to the development and maintenance of comprehensive documentation for system architecture, processes, and procedures.
- Mentored and trained junior team members in Terraform best practices, IaC methodologies, and modern infrastructure design principles, fostering a culture of knowledge sharing and skill development within the team.
- Implemented and designed robust security measures, including hardened OS configurations and secrets management, ensuring compliance with industry standards and significantly fortifying the company's infrastructure against potential threats. This effort led to a significant decrease in security vulnerabilities.
- Managed and maintained global data centers and Network Operations Centers (NOC), ensuring seamless operations and high availability across diverse geographical locations.
- Led on-call shifts, promptly addressing critical incidents to minimize downtime and maintain service-level agreements (SLAs).
- Maintained and updated legacy codebases, ensuring compatibility with evolving system requirements and security standards.
- Oversaw DNS infrastructure, optimizing configurations for performance and reliability.
- Administered Linux-based systems on prem and in the cloud, implementing best practices to enhance security and efficiency.
- Utilized monitoring tools for proactive analysis, troubleshooting, and performance optimization.

Consultant/Developer
The Morning Blunt, a WordPress site
Oct 2018 - Oct 2018
- Advised and executed layout and design enhancements, significantly enriching user experience.
- Engineered a user-friendly navigation menu and layout, resulting in improved user interaction.
- Implemented a structured multi-page subjects approach, elevating readability and accessibility.
- Spearheaded SEO improvements, resulting in higher search engine rankings and increased organic traffic.
- Offered guidance for future post optimization.

Web Development Student
Coding Dojo
Apr 2018 - Jul 2018
Completed a 14-week intensive course to gain experience in web fundamentals and full stack development.
- Web Fundamentals (HTML; CSS; JavaScript; JQuery).
- Python (flask with MySQL; Django with SQLite; AJAX; API).
- MEAN (JavaScript; Node; Express; Angular; MongoDB/Mongoose; Socket.io; NPM).
- Java (SpringMVC with MySQL; Tomcat; JSP; JPA).

SKILLS
Terraform · Infrastructure as code (IaC) · Amazon Web Services (AWS) · Network Administration · Application Infrastructure Design · Cross-functional Team Leadership · Automation · Documentation · Linux · Cloud Computing · DevOps · Solution Architecture · System Administration · Cross-team Collaboration · Leadership · Visual Studio Code · Agile Methodologies · Network Troubleshooting · HCL · CI/CD · Gitlab / Github · Troubleshooting · Research · Jenkins · Ansible · Virtualization · Python · HTML · MySQL · Cascading Style Sheets (CSS) · JavaScript · Programming · Software Development · Java · CIS Benchmarks · DNS Management · Microsoft Office

EDUCATION
Coding Dojo Full Stack Developer, Computer Science
University of Washington Editing
Humboldt State University Theatre/Theater

OTHER WORK EXPERIENCE

Fremont Brewing: *Beertender*	September 2019 – March 2020
Keenan's at the Pier: *Bartender*	September 2018 – September 2019
Nice Moves Moving: *Lead*	December 2015 – April 2018
Hurricane Cafe: *Server Manager*	July 2003 – January 2015
Circus Performer: *Aerial and Acrobatics*	September 2006 – December 2014